

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS



1 / 22

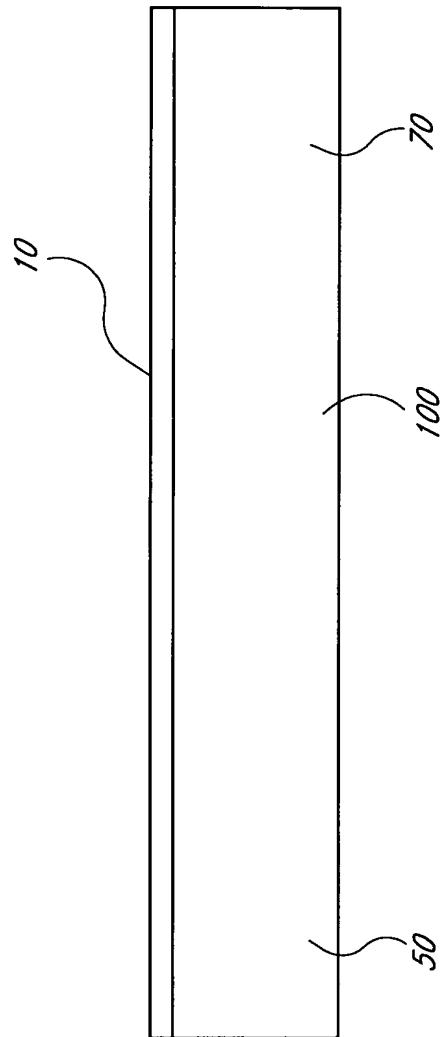


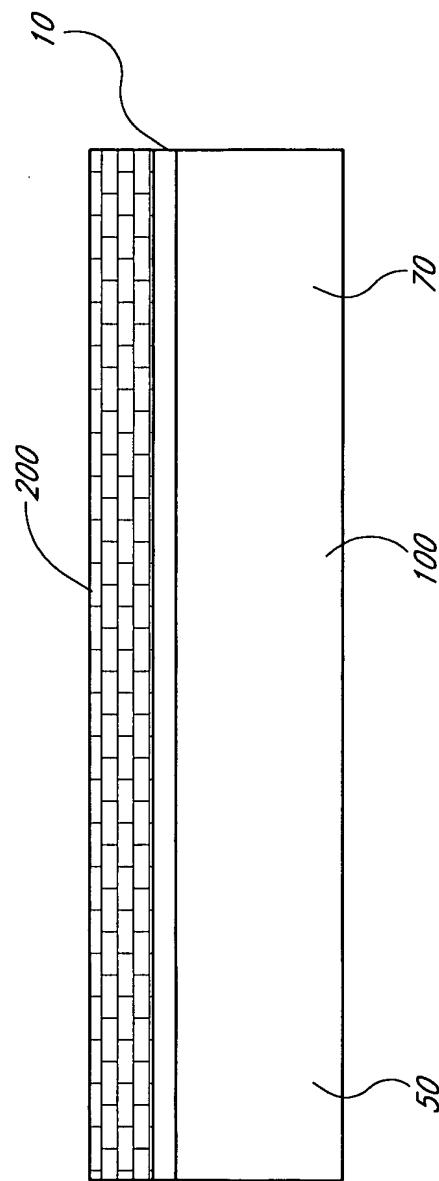
FIG. 1

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

2/22



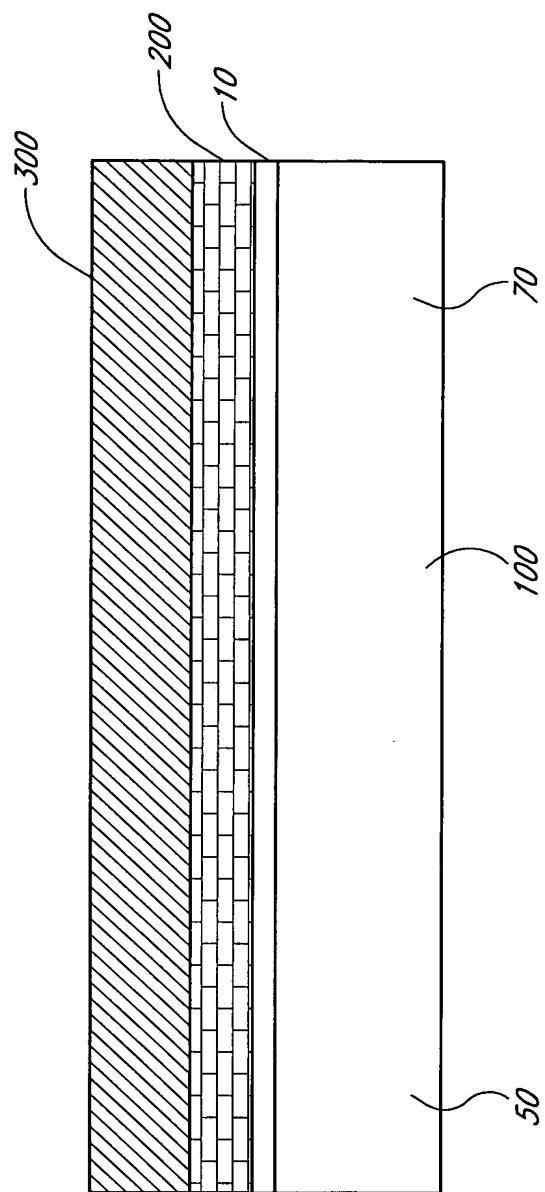
*FIG.2*

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

3/22



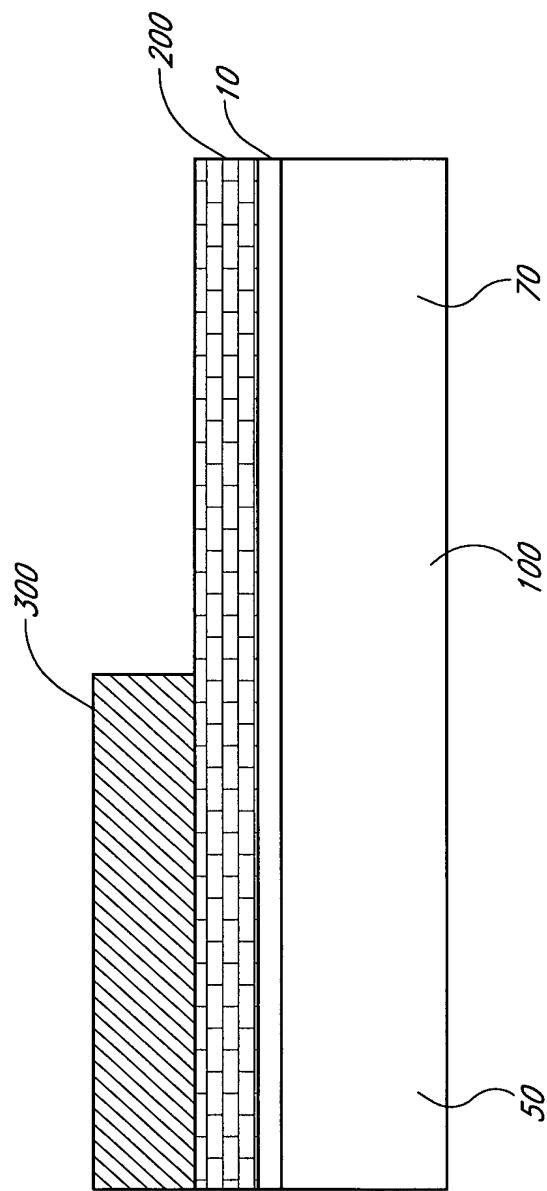
*FIG.3*

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

4/22



*FIG. 4*

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

5/22

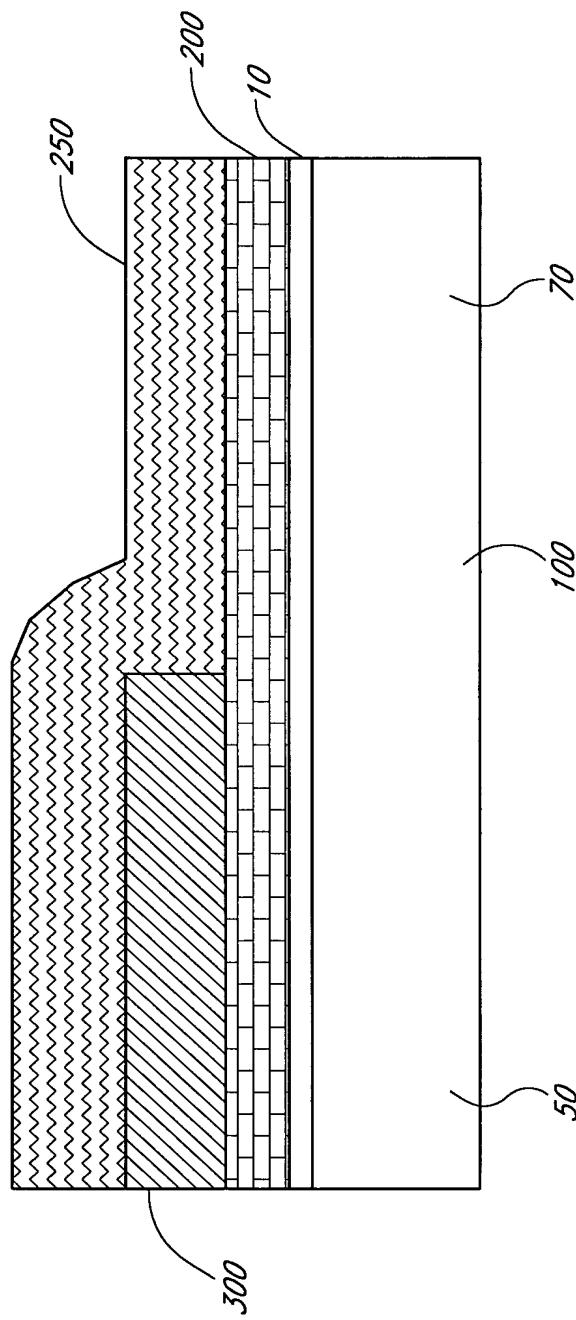


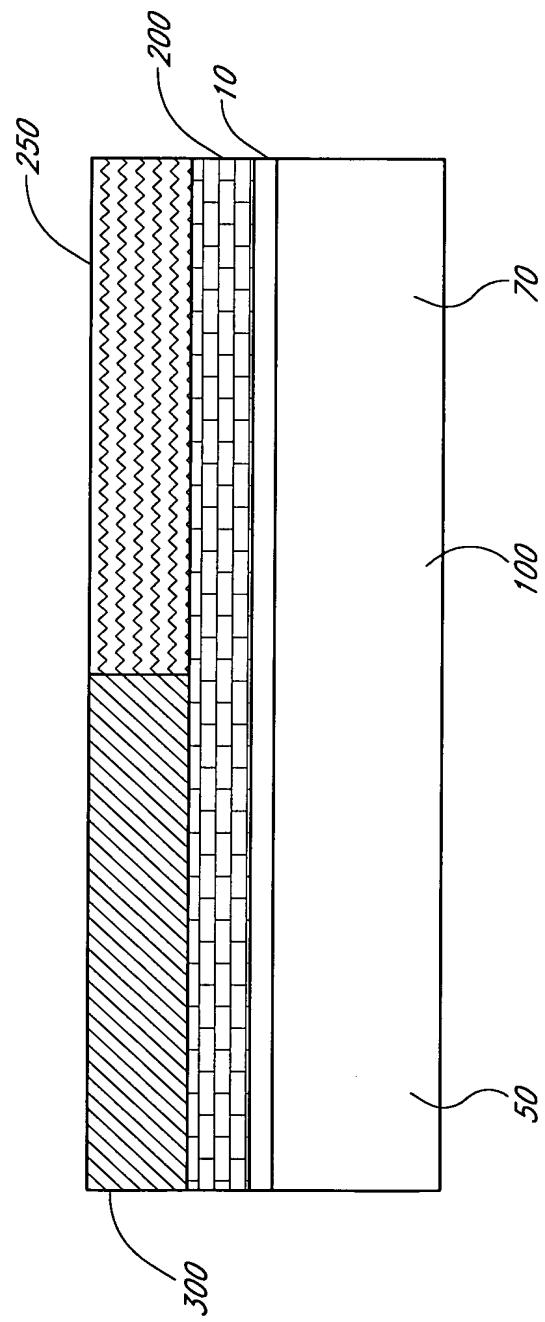
FIG. 5

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

6 / 22



*FIG. 6*

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

7/22

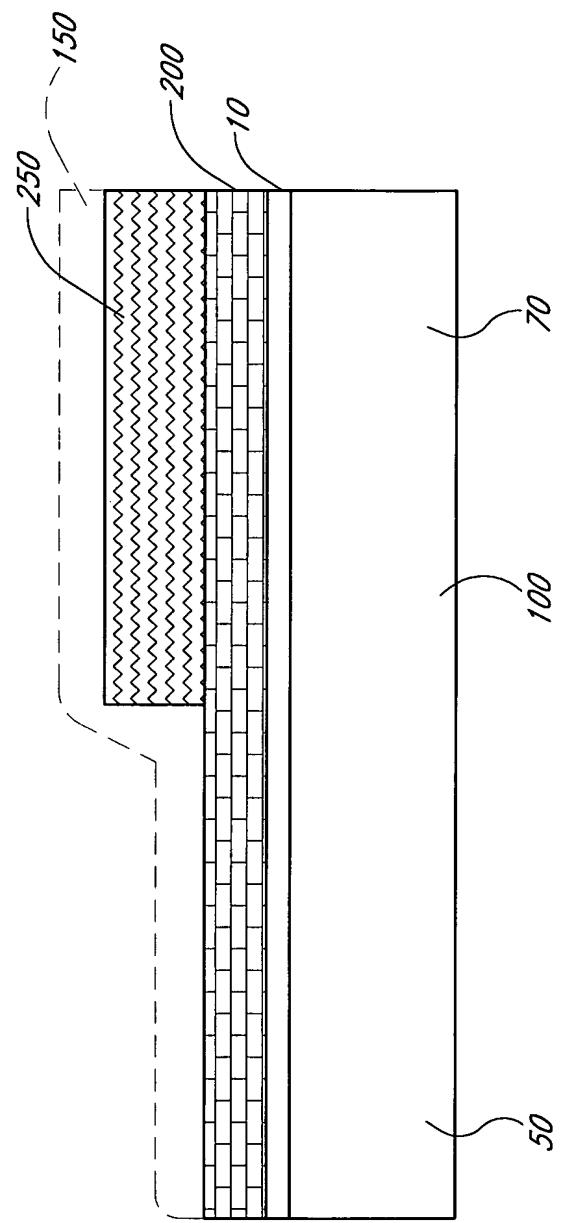


FIG. 7

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

8/22

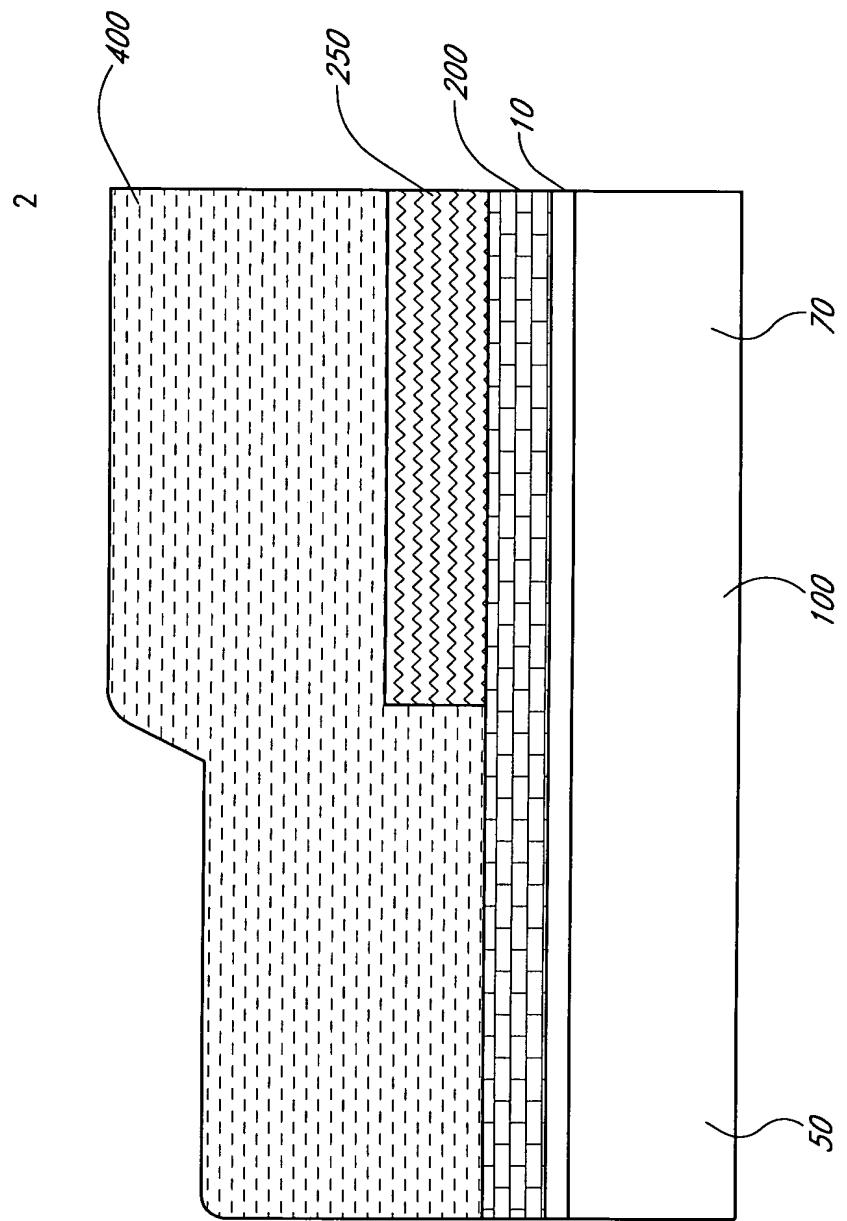


FIG. 8

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

9 / 22

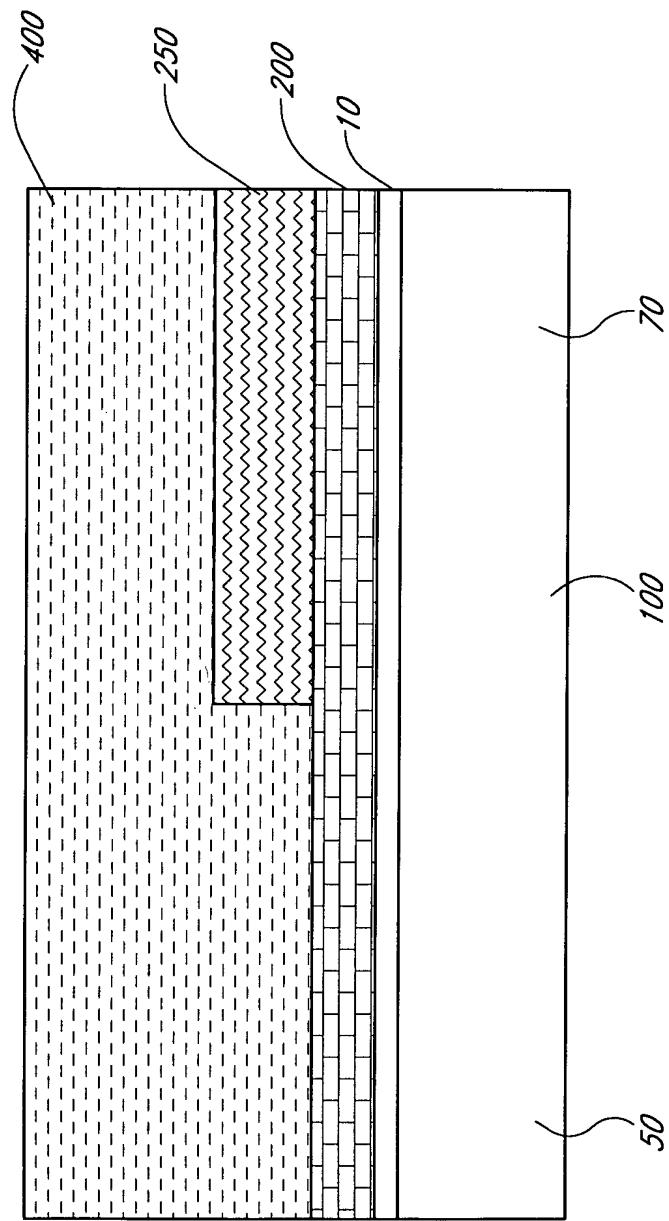


FIG. 9

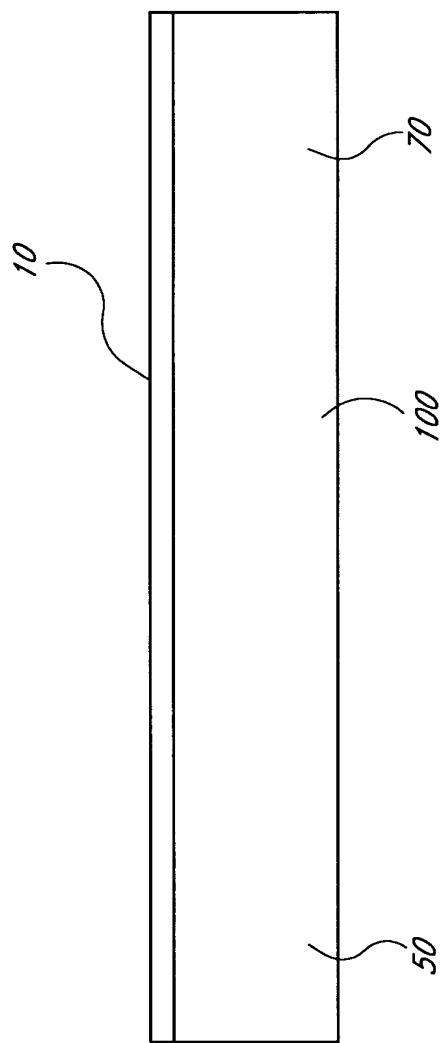


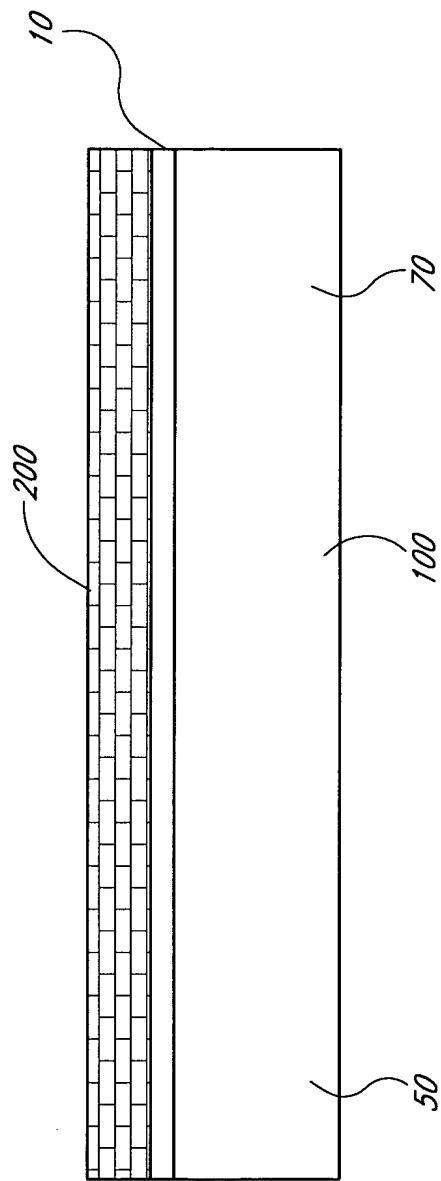
FIG. 10

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

11/22



*FIG. 11*

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

12/22

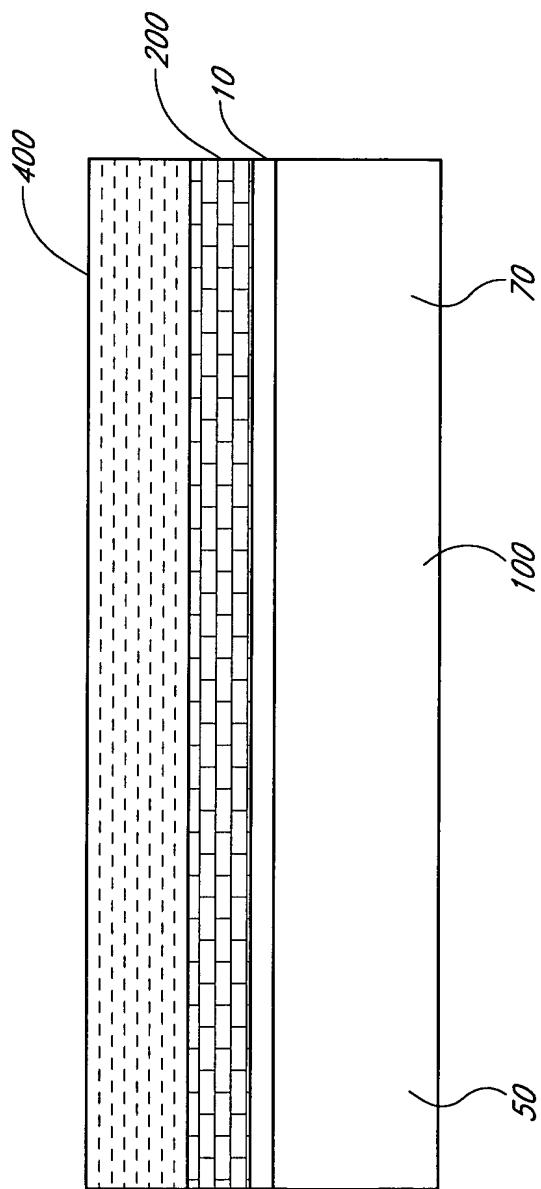


FIG. 12

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

13/22

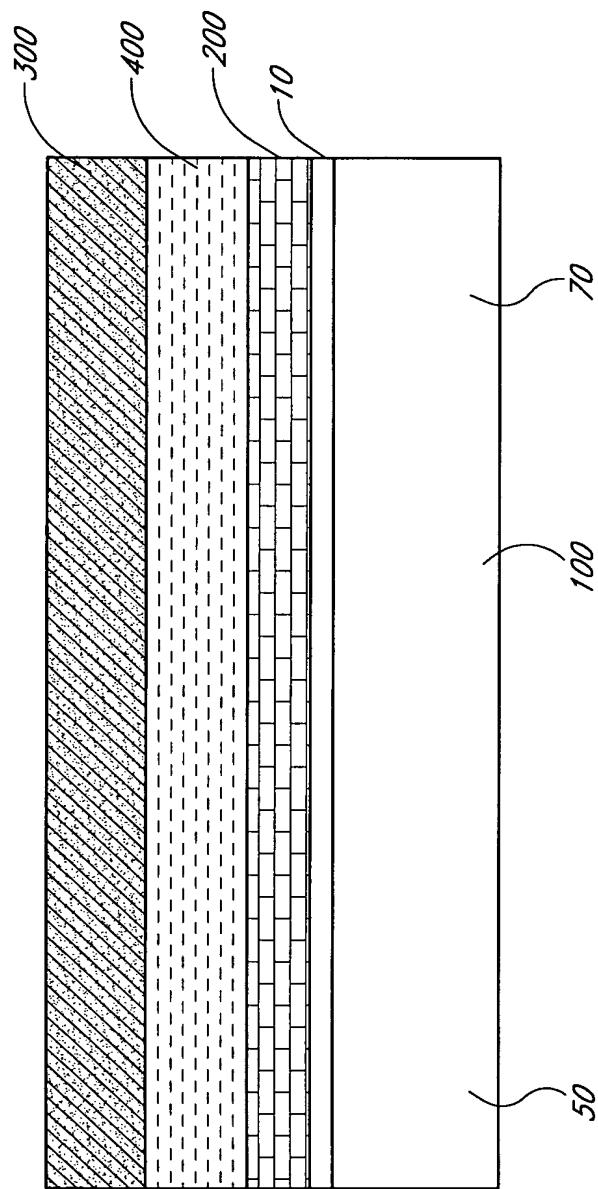


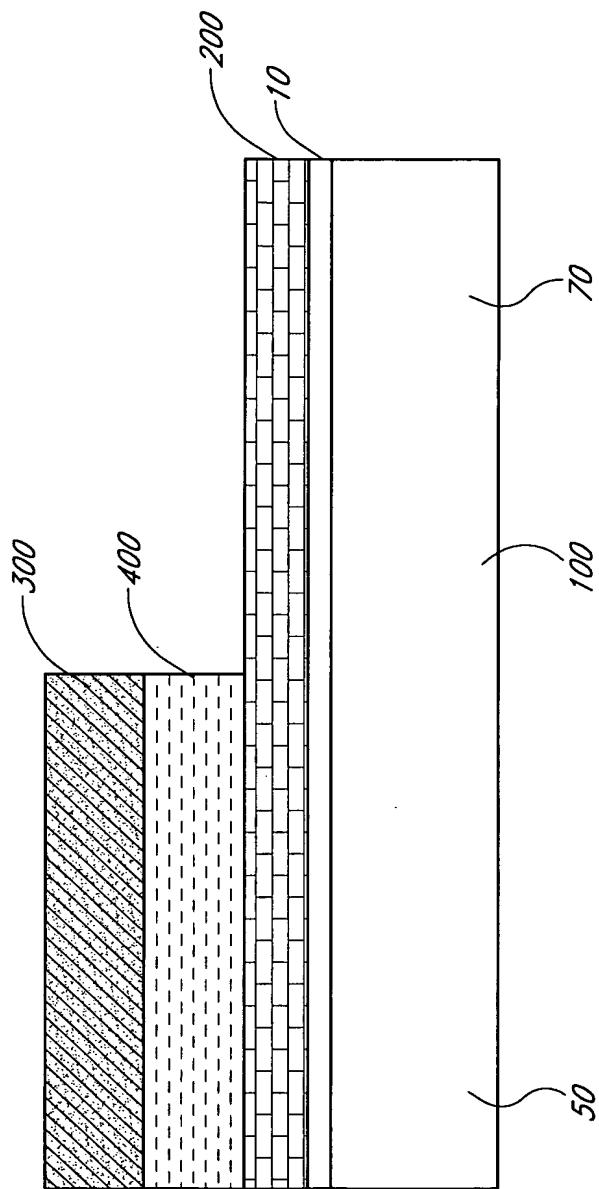
FIG. 13

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

14/22



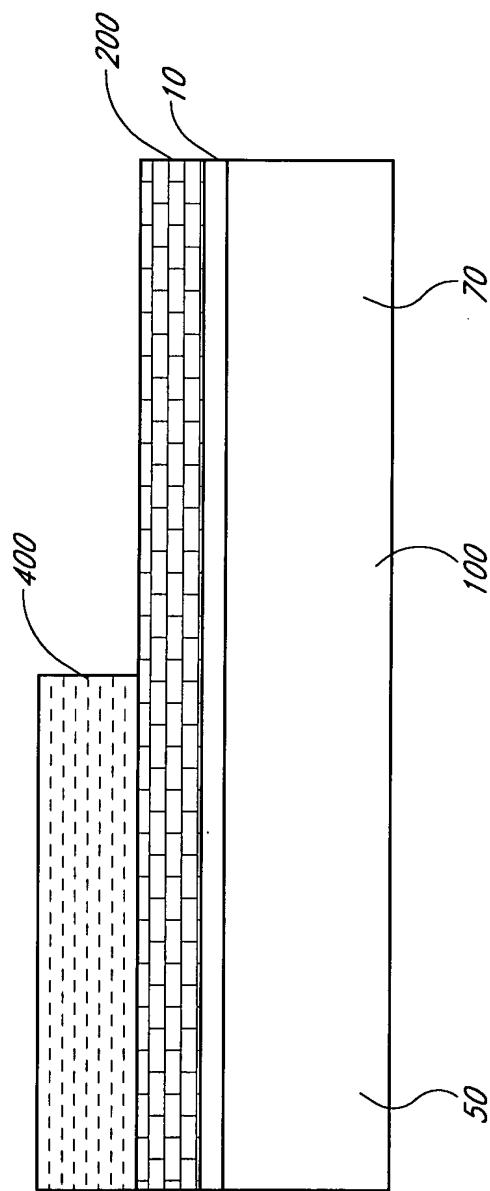
*FIG. 14*

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

15/22



*FIG. 15*

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

16/22

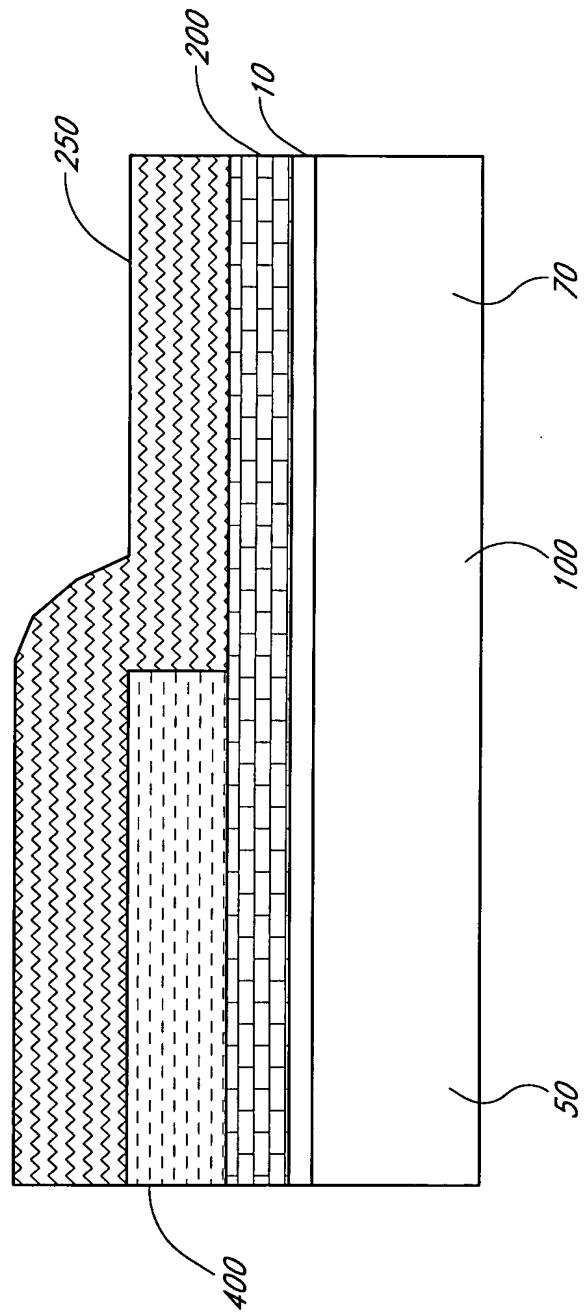


FIG. 16

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

17/22

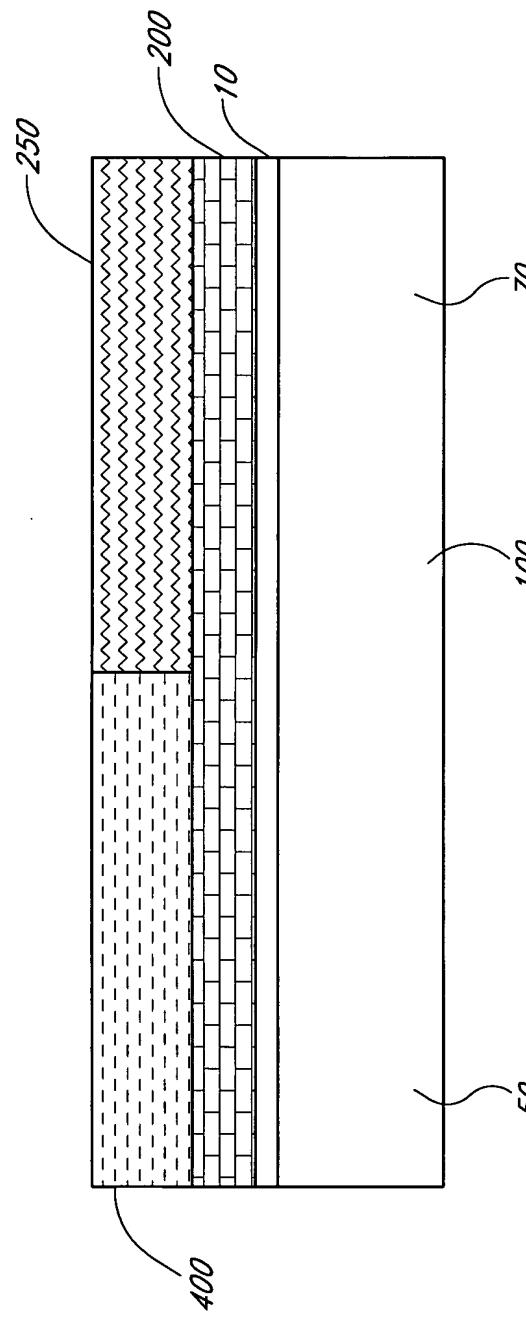


FIG. 17

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

18/22

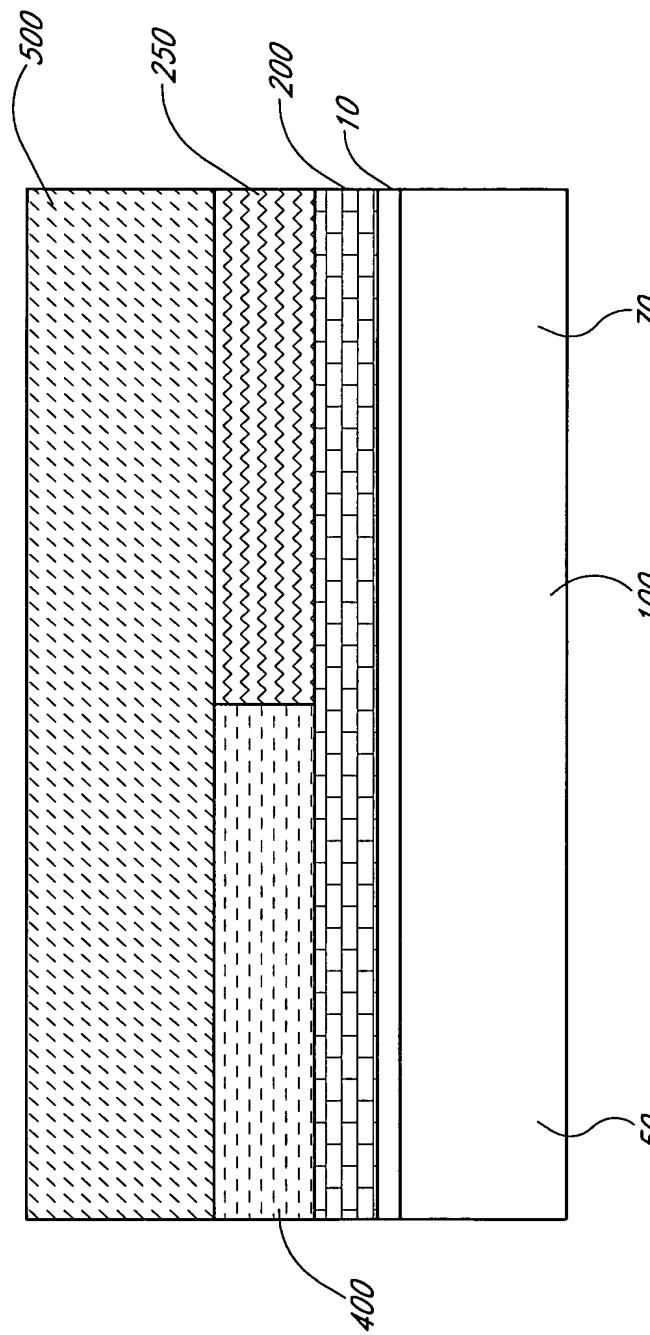


FIG. 18

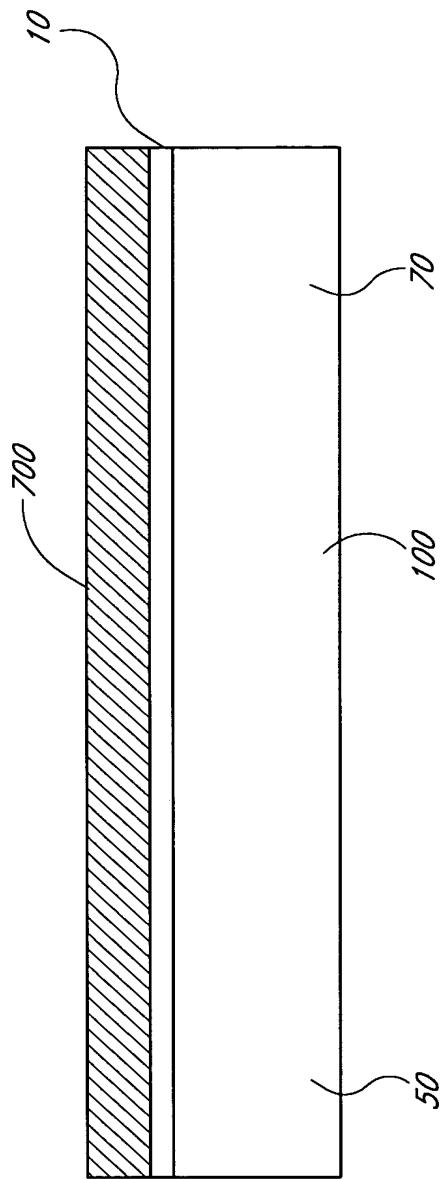


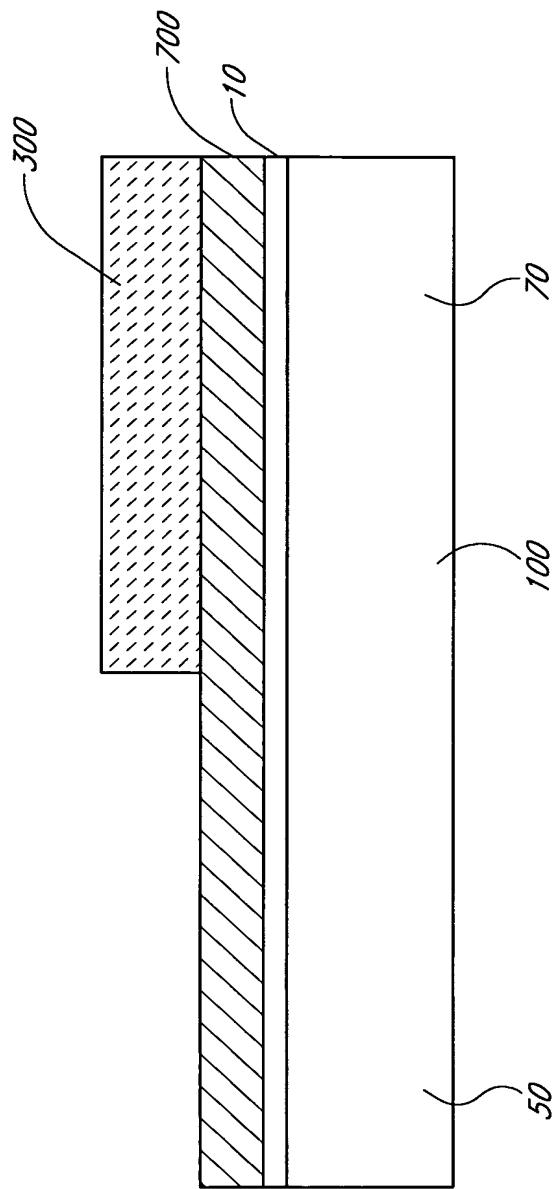
FIG. 19

*METHOD TO FABRICATE DUAL METAL CMOS DEVICES*

*Hannu Huotari*

*Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS*

20/22



*FIG. 20*

METHOD TO FABRICATE DUAL METAL CMOS DEVICES  
Hannu Huotari  
Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

21/22

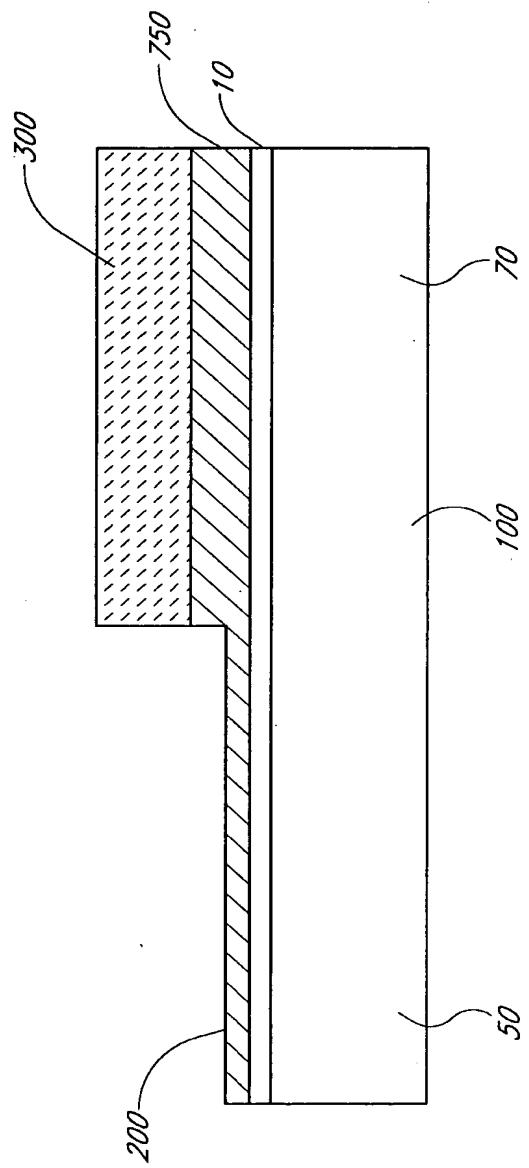


FIG. 21

METHOD TO FABRICATE DUAL METAL CMOS DEVICES

Hannu Huotari

Appl. No.: 10/601,037 Atty Docket: ASMMC.047AUS

22/22

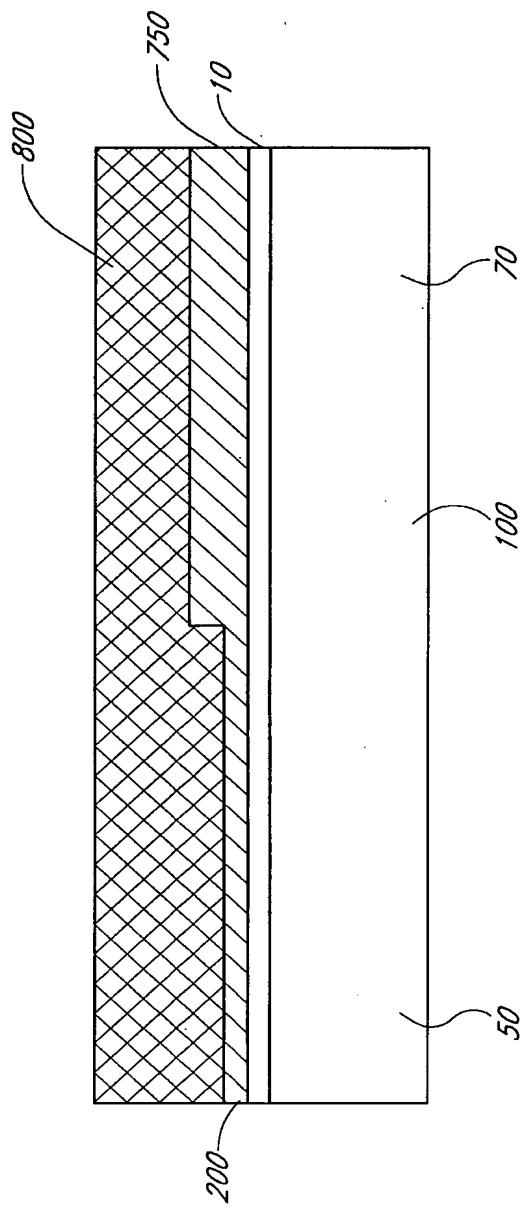


FIG. 22